

SPECIFICATION AMENDMENTS

Please amend the paragraph beginning on page 11, line 17 as follows:

-- ~~FIG. 1~~ The drawing is a schematic diagram of a composition using a radiation image converting panel of the present invention. --

Please amend the paragraph beginning on page 28, line 1 as follows:

-- ~~FIG. 1~~ The drawing is a schematic view showing one example of the constitution of the radiation image converting panel of the present invention. --

Please amend the paragraph beginning on page 28, line 4 as follows:

-- In ~~FIG. 1~~ the drawing, numeral 21 is a radiation generating apparatus, 22 is an object, 23 is a radiation image converting panel provided with a visible light and infrared radiation stimuable phosphor layer comprising stimuable phosphors, 24 is a stimulating light source which allows a radiation latent image of radiation image converting panel 23 to emit as photostimulated luminescence, 25 is a photoelectric conversion apparatus

which detects the photostimulated luminescence emitted from radiation image converting panel 23, 26 is an image reproducing apparatus which reproduces photoelectric conversion signals detected by photoelectric conversion apparatus 25 as an image, 27 is an image display apparatus which displays the reproduced images, and 28 is a filter which eliminates reflection light from stimulating light source 24 and transmits only light emitted from radiation image converting panel 23. --

Please amend the paragraph beginning on page 28, line 20 as follows:

-- Incidentally, ~~FIG. 1~~ the drawing shows an example to obtain a radiation transmitted image of an object. However, when object 22 itself emits radiation, aforesaid radiation generating apparatus 21 is not particularly necessary. --

Please amend the paragraph beginning on page 29, line 4 as follows:

-- As shown in ~~FIG. 1~~ the drawing, when object 22 is arranged between radiation generating apparatus 21 and radiation image converting panel 23 and then subjected to exposure of radiation R, radiation R is transmitted through object 22 in accordance with radiation transmittance of

each portion of object 22. The resulting transmission image RI (i.e., the image formed depending on the intensity of radiation) is incident to radiation image converting panel 23. --

Please replace Table II appearing on page 44 of the application with the following amended Table II:

Table II

Sample	Formation of Phosphor Precursor		Formation of Phosphor Layer	Luminance	MTF (2 lp/mm)	Luminance Unevenness (S.D.)	Delayed luminescence	Average Particle Size (μm)
	Cooling Temperature (°C)	Organic Solvent	Drying Gas					
II-1 (Inv.)	50	-	Ar	0.87	32%	12	0.00012	4.8
II-2 (Inv.)	30	-	Ar	0.92	34%	8	0.00022	3.3
II-3 (Inv.)	10	-	Ar	1.21	36%	6	0.00032	1.6
II-4 (Inv.)	50	100mlEtOH	Ar	1.72	40%	5	0.00007	3.8
II-5 (Inv.)	50	200mlEtOH	Ar	1.45	42%	3	0.00005	2.5
II-6 (Inv.)	50	300mlEtOH	Ar	1.58	45%	3	0.00004	1.8
II-7 (Inv.)	50	-	N ₂	1.36	32%	13	0.00021	4.8
II-8 (Inv.)	50	-	He	1.55	34%	14	0.00018	4.8
II-9 (Comp.)	100	-	Ar	0.26	6%	72	0.00132	200
II-10 (Comp.)	90	-	Ar	0.34	8%	63	0.02698	60
II-11 (Comp.)	50	-	air	0.13	15%	33	0.00328	4.8

Inv.: Sample of this Invention

Comp.: Comparative Sample

Please amend the paragraph beginning on page 49, line 4 as follows:

-- The preparation of Radiation Image Conversion Panel Samples IV-1 through ~~IV-8~~ IV-7 (in Table IV, Samples IV-1 through ~~IV-8~~ IV-7). --

Please amend the paragraph beginning on page 50, line 19 as follows:

-- Radiation Image Conversion Panel Samples IV-2 through ~~IV-8~~ IV-7 were prepared in the same manner as in Example IV, except that phosphor particles were dispersed into fine particles after changing the foregoing ratio of an aqueous phase and an organic phase, and also changing the kinds of organic solvents (having different solubility) in Example IV. --

Please amend the paragraph beginning on page 51, line 3 as follows:

-- The thus obtained Radiation Image Conversion Panel Samples IV-1 through ~~IV-8~~ IV-7 were measured to evaluate the following characteristics. --.